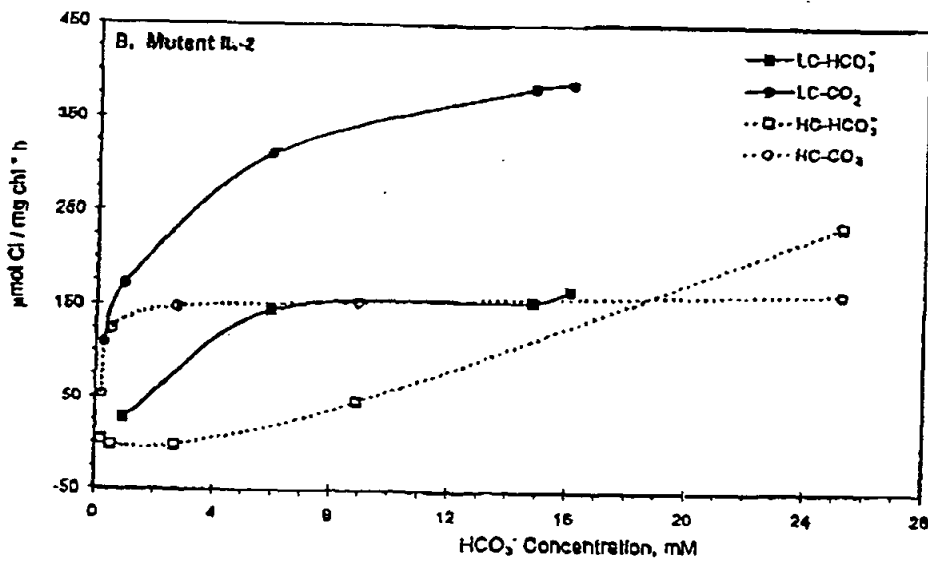
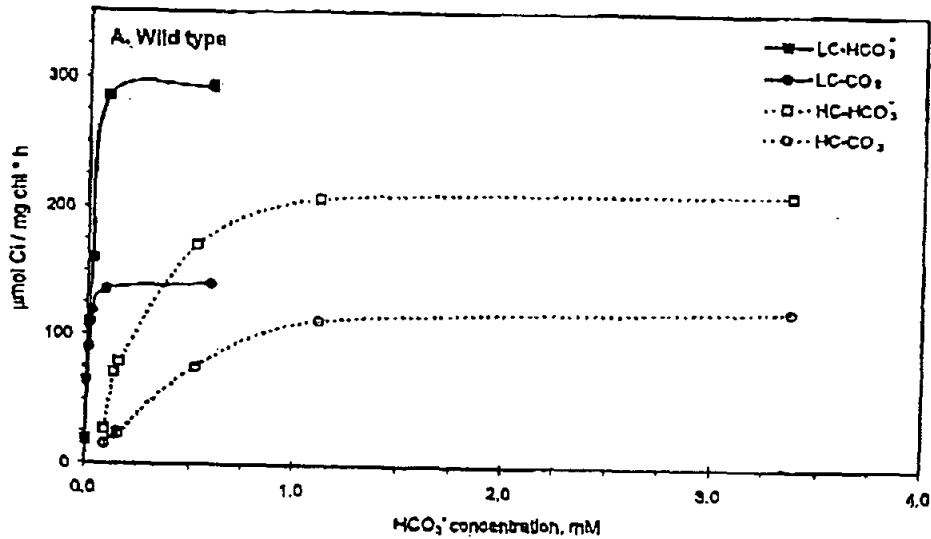
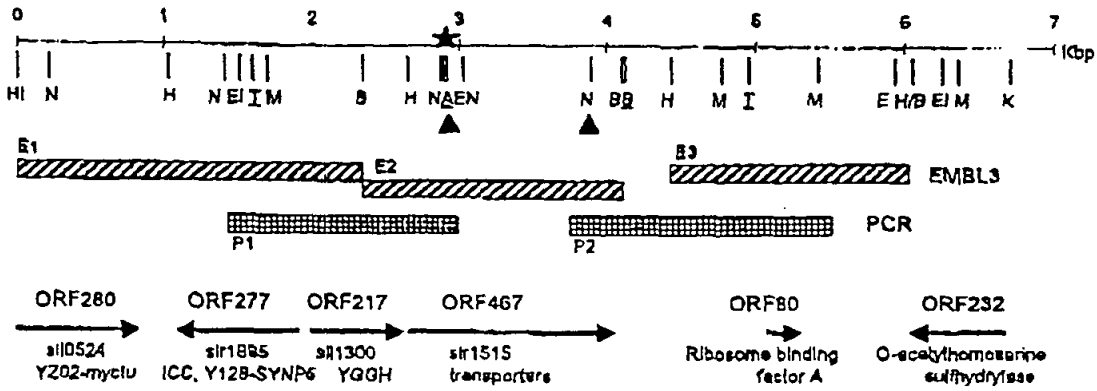


Fig. 1



Year	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

ICTB : 1 ATGACTGTCTGGCAAACCTCTGACTTTTGGCCATTACCAACCCCAACAGTGGGGCCACAGC 60 (SEQ ID NO:2)
|| || ||||| || |||| |||| || |||| ||||| ||
SLR : 13 ATCTCTATCTGGCGATCGCTGATGTTTGGCGGTTTTTCCCCCAGGAATGGGGCCGGGGC 72 (SEQ ID NO:4)

ICTB : 61 AGTTTCTTGCATCGGCTGTTTGGCAGCCTGC-GAGCTTGGCGGGCCTCCAGCCAGCTGTT 119
||| | ||||| || |||| || |||| || || ||||
SLR : 73 AGTGTGCTCCATCGTTTGGTGGGCTGGGGACAGAG-TTGGATACAGGCTAGTGTGCTCTG 131

ICTB : 120 GGTTTGGTCTGAGGCACTGGGT--GGCTTCTTGCTTGCTGTCTACGGTTCGGCTCCG 177
|| | ||||| |||| |||| || || || || |||||
SLR : 132 GCCCCACTTCGAGGCATTGGGTACGGCT-CTAG-TGGCAATAATTTTATTGCGGCTCCC 189

ICTB : 178 TTTGTGCCAGTTCCGCCCTAGGGTTGGGGCTAGCCGCGATCGCG-GCCTATTGGGGCCCT 236
|| ||| |||| |||| || || || || ||||| ||
SLR : 190 TTCACCTCCACCACCATGTTGGGCATTTTAT-GCTGCTCTGTGGAGCCTTTTGGGCTCT 248

ICTB : 237 GCTCTCGCTGACAGATATCGATCTGCGGCAAGCA---ACCCCCATTCACTGGCTGGTGTCT 293
||| | |||| |||| || || || || ||||| ||
SLR : 249 GCTGACCTTTGTGTAT--CAACCAG-GGAAGGGTTGACTCCCATCCATGTTTATGTTTT 305

ICTB : 294 GCTCTACTGGGGCGTCGATGCCCTAGCAACGGGACTCTCACCCGTACGCGCTGCAGCTTT 353
|| ||||| || || || || || || || || || ||
SLR : 306 TGCCTACTGGTGCATTTTCGGCGATCGCCGTGGGATTTTCTCCGGTAAAAATGGCGGCGGC 365

ICTB : 354 AGTTGGGCTAGCCAAACTGAC-GCTC-TACCTGTTGGTTTTTGGCCTAGCGGCTCGGGTT 411
|| ||||| |||| |||| || || || || ||||| ||
SLR : 366 GTCGGGGTTAGCGAAATTAACAGCTAATTTATGTCTGTTTCTAC--TGGCGGCGAGGTTA 423

ICTB : 412 CTCCGCAATCCCGTCTGC-GATCGCTGCTGTTCTCGGTCGTCGTATCACATCGCTTTT 470
|| || || || || || || || || || || || || ||
SLR : 424 TTGCAAAACAACAATGTTGAAC-CGGTTAGTAACCGTGTTTTACTGGTAGGGCTATT 482

ICTB : 471 TGTCAGTGTCTACGGCCTCAACCAATGGATCTACGGCGTTGAAGAGCTGGCGACTTGGGT 530
|| | ||||| || || || || || || || || || ||
SLR : 483 GGTGGGGAGTTACGGTCTGCGACAACAGGTGGACGGGTAGAACAGTTAGCCACTTGGAA 542

ICTB : 531 GGATCGCAACTCGGTTGCCGACTTCACCTCACGGGTTTACAGCTATCTGGGCAACCCCAA 590
|| || |||| | || || || || || || || || || ||
SLR : 543 TGACCCACCTCTACCTTGGCCAGGCCACTAGGGTATATAGCTTTTATAGTAATCCCAA 602

ICTB : 591 CCTGTGGCTGCTTATCTGGTGCCGACGACTGCCTTTT-CTGCAGCAGCGATCGGGGTGT 649
|| |||| ||||| |||| || || || || || || || ||
SLR : 603 TCTCTTGGCGGCTTACCTGGTGCCCATGACGGGTTTGAAGTTGAGT-GCCCTGGTGGTAT 661

ICTB : 650 GGCGCGGCTGGCTCCCCAAGCTGTCTGGCGATCG-CTGCGACAGGTGCGAGCAGCTTATGT 708
||| | |||| ||||| |||| || || || || || || ||
SLR : 662 GGCGACGGTGGTGGCCAAACTGCTGG-GAGCAACCATGGTGATTGTTAACCTACTCTGT 720

ICTB : 709 CTGATCCTCACCTACAGTCGCGGTGGCTGGCTGGGTTTTGTGCGCATGATTTTTGTCTGG 768
|| | |||| |||| |||| || || || || || || || ||
SLR : 721 CTCTTTTTTACCAGAGCCGGGCGGTTGGCTAGCAGTGCTGGCCCTGGGAGCTACCTTC 780

ICTB : 769 GCGTTATTAGGGCTCTACTGGTTTCAACCCCGTCTACCCGCACCTTGGCGACGCTGGCTA 828
| | | |||| |||| |||| || || || || || || ||
SLR : 781 CTGGCCCTTTGTACTTCTGGTGGTTACCCCAATTACCCAAATTTGGCAACGGTGGTCT 840

ICTB : 829 TTCCAGTCGTATTGGGTGGACTAGTCGCGGTGCTCTT-GGTGGCGGTGCTTGGACT--- 884
|| || || || || || || || || || || || || || ||
SLR : 841 TTGCCCTTGGC---GATCGCC--GTGGCGGTTATATTAGGTGGGGGAGCGTTGATTGCG 894

ICTB : 885 -TG-AGCCGTGCGCGTGCGCGTGTGAGCATCTTGTGGGGCGTGAAGACAGCAGCAAC 942
|| || || || || || || || || || || || || || ||
SLR : 895 GTGGAACCGATTTCGACTCAGGGCCATGAGCATTTTGTGGGGCGGAAGACAGCAGTAAT 954

FIGURE 2 (CONTINUED)

ICTB : 943 AACTTCCGGATCAATGTCTGGCTGGCGGTGCTGCAGATGATTCAAGATCGGCCTTGGCTG 1002
 || ||||| ||||| ||| | ||| ||||| || || ||| |
 SLR : 955 AATTTCCGCATCAATGTTGGGAAGGGTAAAAGCCATGATCCGAGCCCGCCTATCATT 1014
 || ||||| ||||| ||| | ||||| ||||| ||||| || || ||| |
 ICTB : 1003 GGCATCGGCCCCGGCAATACCGCCTTTAACCTGGTTTATCCCTCTATCAACAGGCGCGC 1062
 ||||| ||||| || ||| ||||| ||||| ||||| || || ||| |
 SLR : 1015 GGCATTGGCCCAGGTAACGAAGCCTTTAACCAAATTTATCCTTACTATATGCGGCCCCGC 1074
 || ||||| ||||| ||||| ||||| ||||| ||||| ||||| || || ||| |
 ICTB : 1063 TTTACGGCGTTGAGCGCCTACTCCGTCCCCTGGAAGTCGCGGTTGAGGGCGGACTACTG 1122
 || || || ||||| ||||| ||| | || ||||| ||||| || || ||| |
 SLR : 1075 TTCACCGCCCTGAGTGCCTATTCCATTTACCTAGAAATTTGGTGGAAACGGGTGTAGTT 1134
 || ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| || || ||| |
 ICTB : 1123 GGCTTGA-CGGCCTTCGCTTGGCTGCT-GCTGGTCACGGCGGTGACGGCGGTGCGGCAGG 1180
 || ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| || || ||| |
 SLR : 1135 GGTTTTACCTGTATGCTC-TGGCTGTTGGCCGTTACCCTAGGCAAAGGC-GTAGAACTGG 1192
 || ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| || || ||| |
 ICTB : 1181 TGAGCCGACTGCGGCGCGATCGCAATCCCC--AAGCCTTTTGGTTGATGGCTAGCTTGGC 1238
 || ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| || || ||| |
 SLR : 1193 TTAAACG-CTGTCGC-CAAACCCTCGCCCCGGAAGGCATCTGGATTATGGGGGCTTTAGC 1250
 || ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| || || ||| |
 ICTB : 1239 CGGTTTGGCAGGAATGCTGGGTACGGTCTGTTTGATACCGTGCTCTATCGACCGGAAGC 1298
 || || ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| || || ||| |
 SLR : 1251 GGCGATCATCGGTTTGTGGTCCACGGCATGGTAGATACAGTCTGGTACCGTCCCCCGGT 1310
 || ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| || || ||| |
 ICTB : 1299 CAGTACGCTCTGGTGGCTCTGTATTGG--AGCGATCGCGAGTTTCTGG--CAGC-CCCAA 1353
 || || ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| || || ||| |
 SLR : 1311 GAGCACTTTGTGGTGG-TTGCTAGTGGCCATTG-TTGCTAGTCAGTGGGCCAGCGCCAG 1368
 || ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| || || ||| |
 ICTB : 1354 CCTTCCAAGCAACTCCCTCCAGAAGCCGAGCATTCAGACGAA 1395
 || || ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| || || ||| |
 SLR : 1369 GCCCGTTTGGAGGCCAGTAAAGAA---GAAAATGAGGACAAA 1407
 || ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| || || ||| |

10520 "B" 10520

[illegible]

ICTB	:	1	MTVWQTLTFAHYQPQQWGHSSFLHRLFGSLRAWRASSQLLVWSEALGGFLLAVVYGSAPF	60
SLR	:	5	+++W++L F + PQ+WG S LHRL G ++W +S L EALG L+A+++ +APF ISIWRSLMFGGFSPQEWGRGSVLHRLVGWQSWIQASVLWPHFEALGTALVAIIIFIAAPF	64
ICTB	:	61	VPSSALGLGLAAIAAYWALLSLTDIDLQATPIHVLVLLYGVVDALATGLSPVRAAALVG	120
SLR	:	65	++ LG+ + A+WALL+ D + TPIH LV YW + A+A G SPV+ AA G TSTTMLGIFMLLCGAFWALLTFADQPQKGLTPIHVLVFAYWCISAIAGVGFSPVKMAAASG	124
ICTB	:	121	LAKLTLYLLVFALAAARVLNRNPLRSLLSFVVVITSLFVSVYGLNQWIYGVEELATWVDRN	180
SLR	:	125	LAKLT L +F LAAR+L+N + + L +VV++ L V YGL Q + GVE+LATW D LAKLTANLCLFLLAARLLQNQWLNRLVTVVLLVGLLVGSYGLRQQVDGVEQLATWNDPT	184
ICTB	:	181	SVADFTSRVYSYLGPNPMLLAAYLVPTTAFSAAAIGVWRGWLPKLLAIAATGASSLCLILT	240
SLR	:	185	S +RVYS+LGNPNMLLAAYLVP T S +A+ VWR W PKLL + LCL T STLAQATRVSYFLGNPNMLLAAYLVPMTGSLSLALVWVRRWWPKLLGATMVIVNLLCLFFT	244
ICTB	:	241	YSRGGWLGFBVAMIFVWALLGLYWFQPRLPAPWRRWLPFPVVLGGLVAVLLVAVLGLEPLRV	300
SLR	:	245	SRGGWL +A+ + L +W+ P+LP W+RW P+ + V + A++ +EP+R+ QSRGGWLAVLALGATFLALCYFWWLPQLPKFWQRWSLPLAIAVAVILGGGALIAVEPIRL	304
ICTB	:	301	RVLISIFVGREDSSNNFRINVWLAVLQMIQDRPWLGIGPGNTAFNLVYPLYQQARFTALSA	360
SLR	:	305	R +SIF GREDSSNNFRINVW V MI+ RP +GIGPGN AFN +YP Y + RFTALSA RAMSIFAGREDSSNNFRINWVEGVKAMIRARPIIGIGPGNEAFNQIYPYMRPRTALSA	364
ICTB	:	361	YSVPLEVAVEGGLLGLTAFAWLLLVTAVTAVRQVSRLRRDRNPQAFWLMAFLAGLAGMLG	420
SLR	:	365	YS+ LE+ VE G++G T WLL VT V V R R+ P+ W+M +LA + G+L YSIYLEILVETGVGVFTCMWLWLLAVTLGKGVELVKRCRQTLAPEGIWIMGALAAIIGLLV	424
ICTB	:	421	HGLFDTVLYRPEASTLWLLCIGAIASFQWQPQPSKQLPPEAEHSDEKM	467
SLR	:	425	HG+ DTV YRP STLWWL + +AS W ++ +E+ D+ + HGMVDTVWYRPPVSTLWLLVAIVASQWASAQARLEASKEENEDKPL	471

Fig. 5

Wild type	GGGCT-AGCCGCGATCGCGGCCTATTGGGCCC	(SEQ ID NO: 6)
IL-2 ApaI side	GGGCT-AG--G-GATCGC-GCCTATTGGGCCC	(SEQ ID NO: 7)
IL-2 BamHI side	GGGCTCA-----GATCGC-GCCTATTGGGCCC	(SEQ ID NO: 8)
IctB	G L A A I A A Y W A L	(SEQ ID NO: 9)

Fig. 6

